

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	413	(quaternary with (vinylpyrrolidone and vinylimidazole))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/25 06:57
L2	310	I1 and hair	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/25 06:57
L3	9878	"I3" and polymer	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/25 06:57
L4	310	I2 and polymer	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/25 06:59
L5	0	I3 and (quaternary with (vinylpyrrolidone and vinylimidazole)).clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/25 06:58
L6	0	I3 and (quaternary with (vinylpyrrolidone or vinylimidazole)).clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/25 06:58
L7	210	I4 and trimethylammonium	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/25 07:00
L8	0	I7 and methyvinylimidazolium	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/25 07:00
L9	9	I7 and methylvinylimidazolium	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/25 07:00

## EAST Search History

L10	9	I9 and polysaccharide	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/25 07:03
L11	7	I10 and (diallyldimethylammonium)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/25 07:04
L12	121	I7 and (diallyldimethylammonium)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/25 07:04
L13	57	I12 and thickening	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/25 09:08
L14	1363	(polyvinylpyrrolidone with thickener)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/25 09:08
L15	308	I14 and hair	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/25 09:09
L16	146	I15 and crosslinked	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/25 09:18
L17	55	I16 and (cationic with polymer)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/25 09:18
S1	0	(((Quaternium adj "80") or (ABIL ADJ QUAT ADJ "3272")) with (isostearyl adj alcohol))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/25 06:56
S2	66	(((Quaternium adj "80") or (ABIL ADJ QUAT ADJ "3272")) and (isostearyl adj alcohol))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 12:31

## EAST Search History

S3	62	S2 and cosmetic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 11:45
S4	1	S3 and ((Quaternium adj "80") or (ABIL ADJ QUAT ADJ "3272")).clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 11:49
S5	2	"5989533".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 11:51
S6	1	"5989533".pn. and (abil or quaternium) and isostearyl	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 12:19
S7	3	((isostearyl adj alcohol) with shampoo)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 12:20
S8	14	((isostearyl adj alcohol).clm. and shampoo.clm.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 12:21
S9	371	((Quaternium adj "80") or (ABIL ADJ QUAT ADJ "3272"))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 12:32
S10	339	(Quaternium adj "80")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 12:32
S11	16	(Quaternium adj "80").clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 14:03
S12	389	decoster.in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 14:04

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S13	55	decoster.in. and ammonium	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 14:04
S14	17	decoster.in. and quaternium	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 14:06
S15	8	cazin.in. and quaternium	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:06
S16	2	"4390522".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:26
S17	6751	424/401.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:27
S18	1123	424/70.12.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:27
S19	797	424/70.13.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:27
S20	377	424/70.15.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:27
S21	546	424/70.17.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:27
S22	530	424/70.19.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:27

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S23	488	424/70.21.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:27
S24	466	424/70.22.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:27
S25	500	424/70.28.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:27
S26	552	424/70.31.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:27
S27	0	514/70.63.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:28
S28	1251	514/63.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:28
S29	229	514/881.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:28
S30	361	514/941.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:28
S31	49	S17 and S9	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:38
S32	50	S18 and S9	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:35

## EAST Search History

S33	16	S19 and S9	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:34
S34	6	S20 and S9	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:34
S35	12	S21 and S9	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:34
S36	11	S22 and S9	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:33
S37	9	S23 and S9	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:33
S38	6	S24 and S9	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:33
S39	25	S25 and S9	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:32
S40	11	S26 and S9	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:31
S41	371	I27and S9	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:29
S42	0	S27 and S9	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:29

## EAST Search History

S43	4	S28 and S9	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:30
S44	3	S29 and S9	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:30
S45	1	S30 and S9	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:29